

Figure 1A

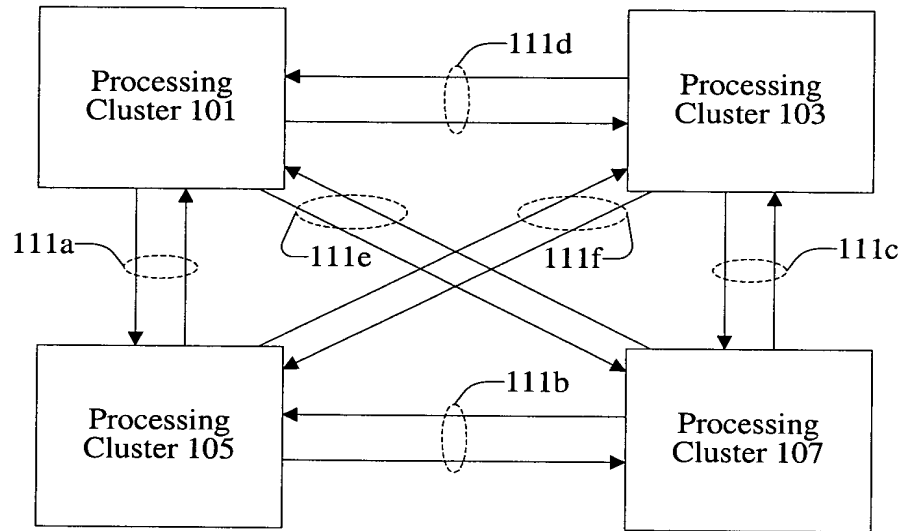


Figure 1B

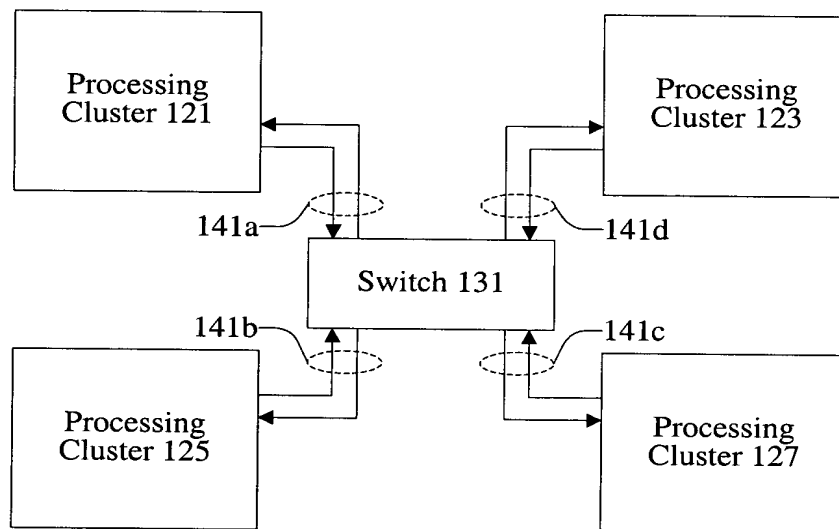


Figure 2

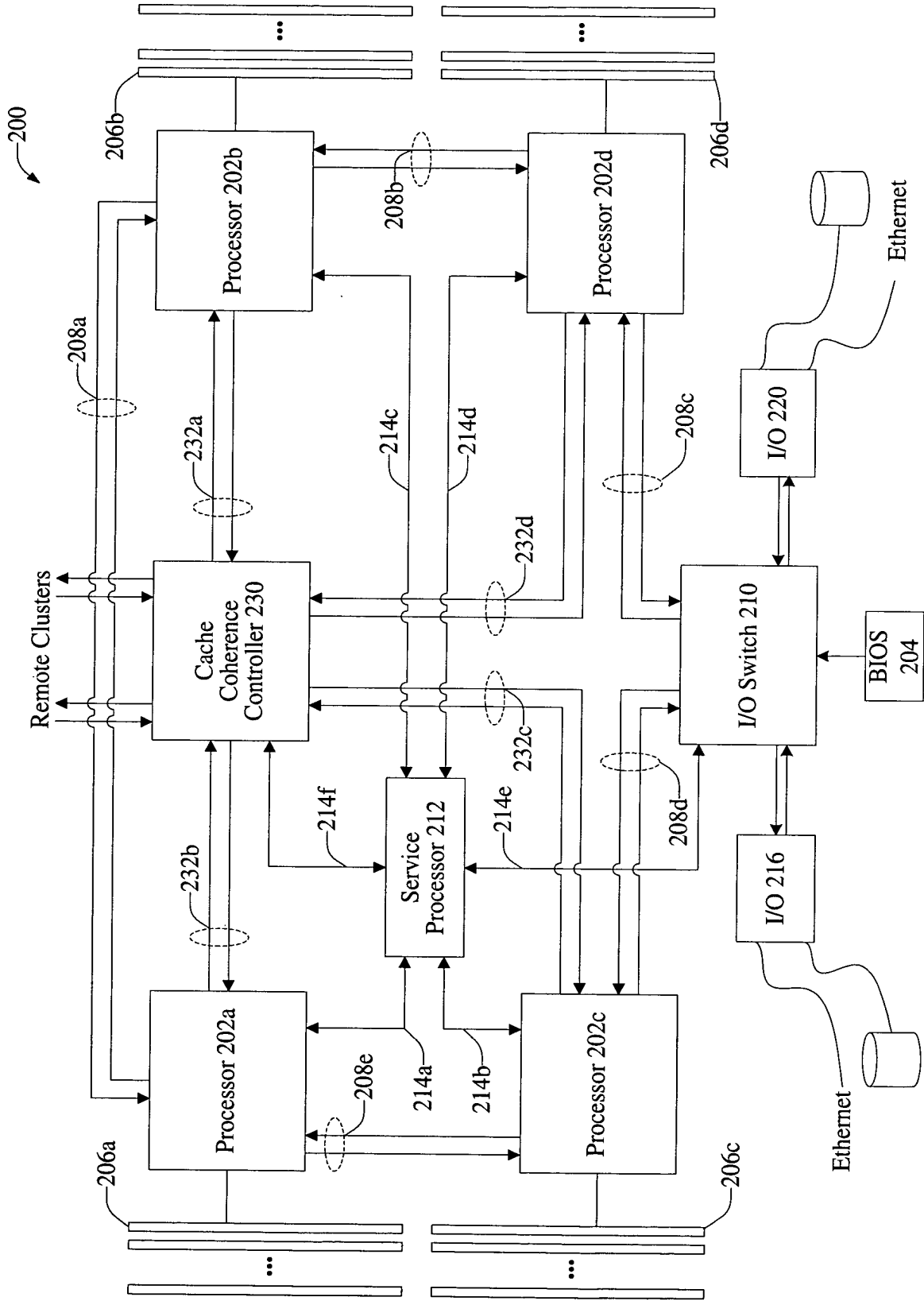


Figure 3

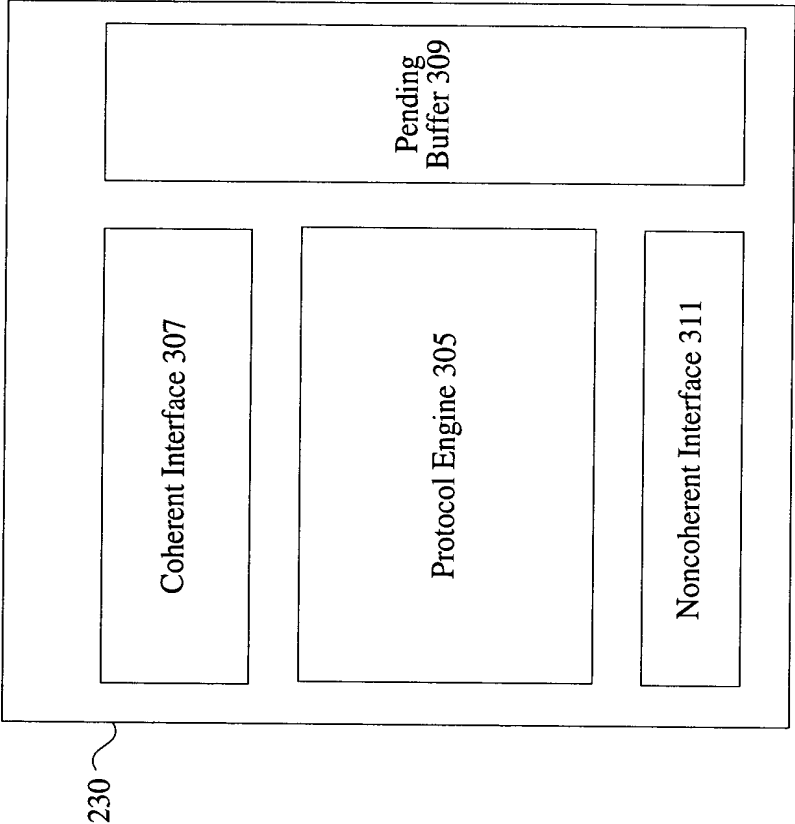


Figure 4

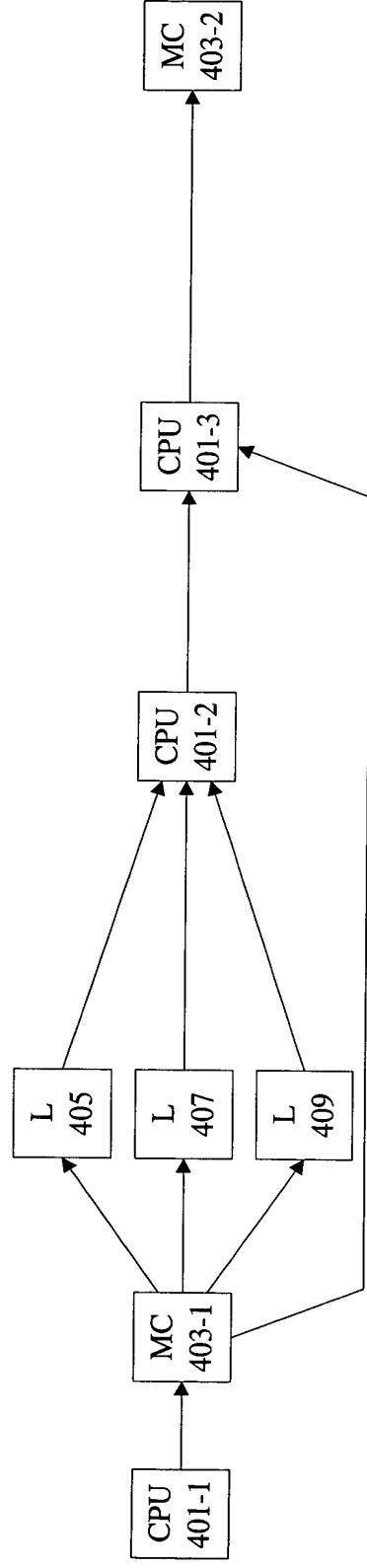


Figure 5A

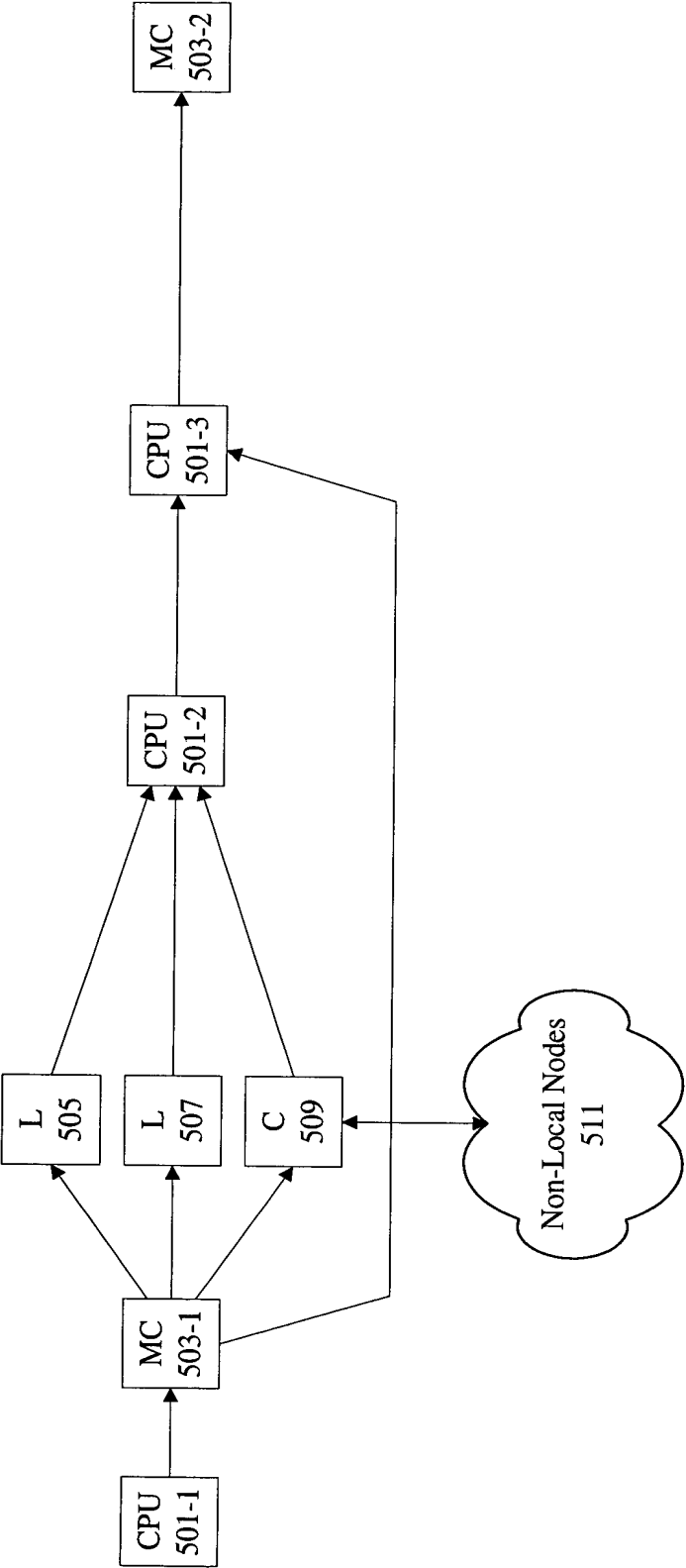


Figure 5B

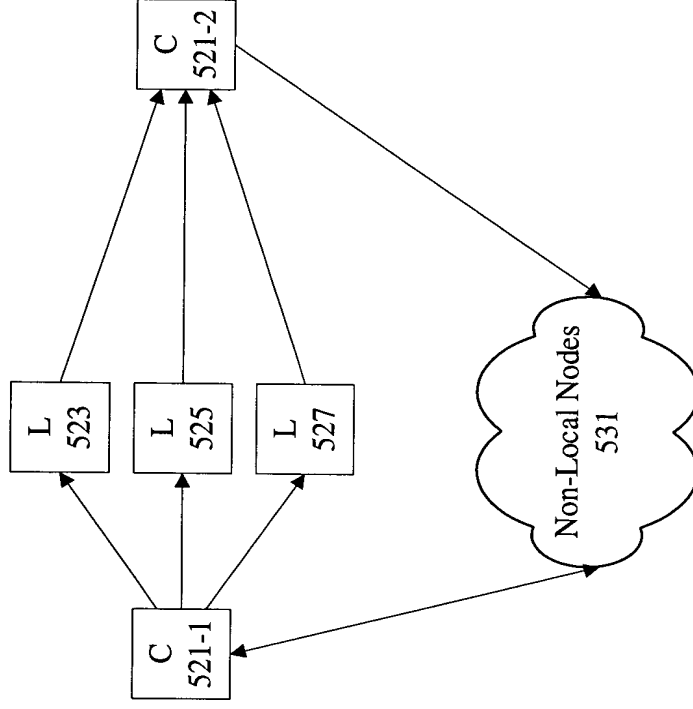


Figure 5C

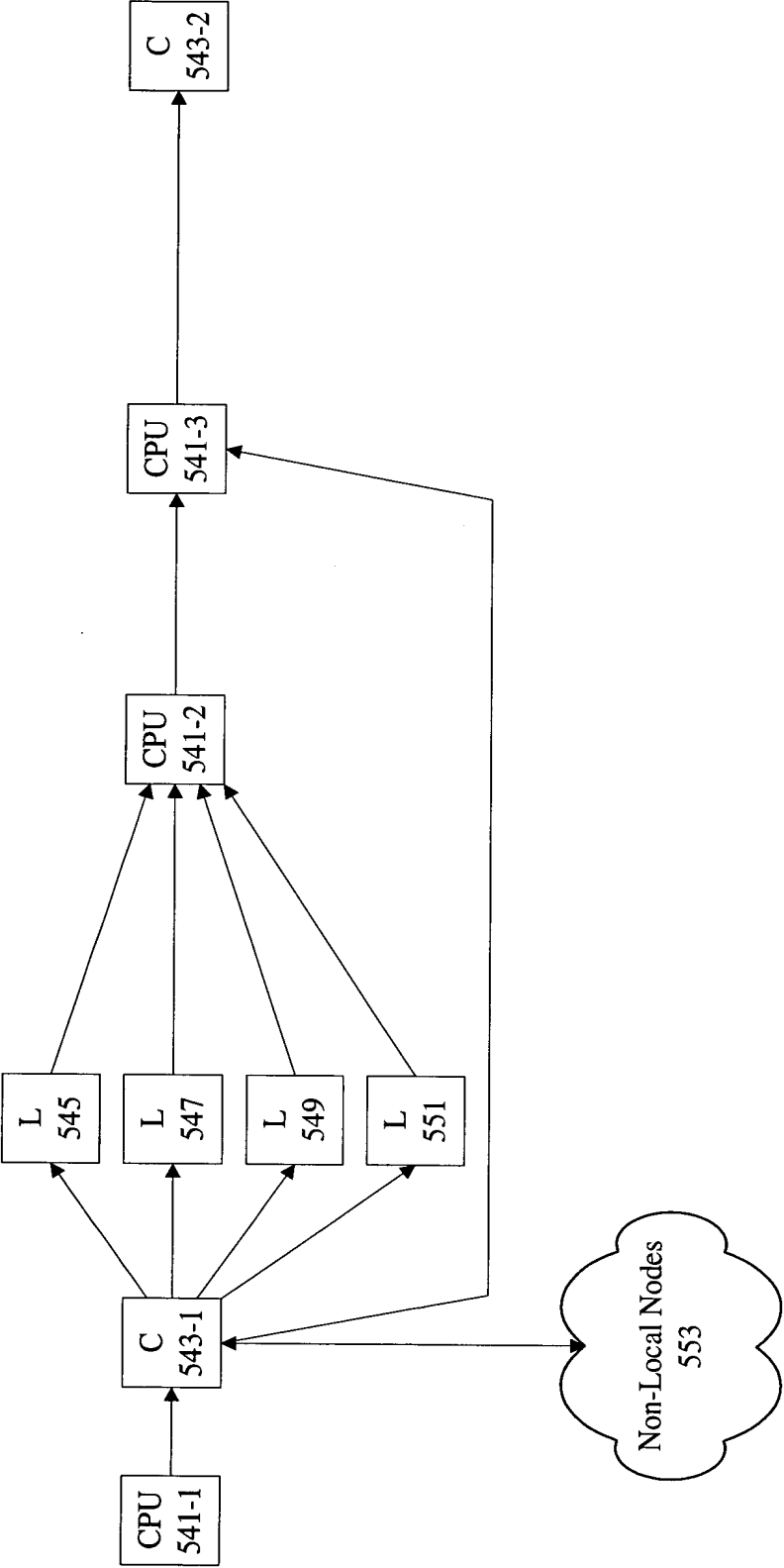


Figure 5D

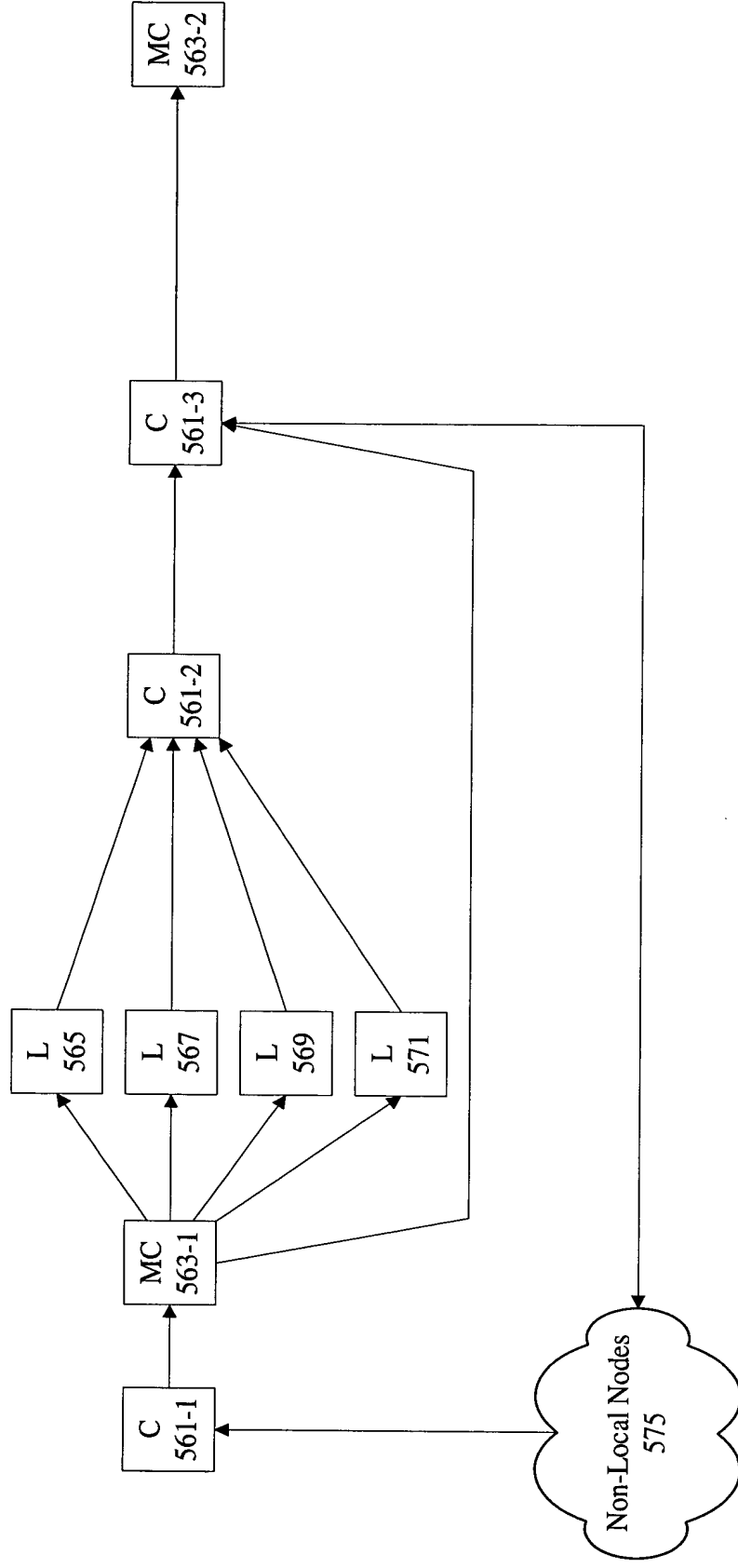




Figure 6

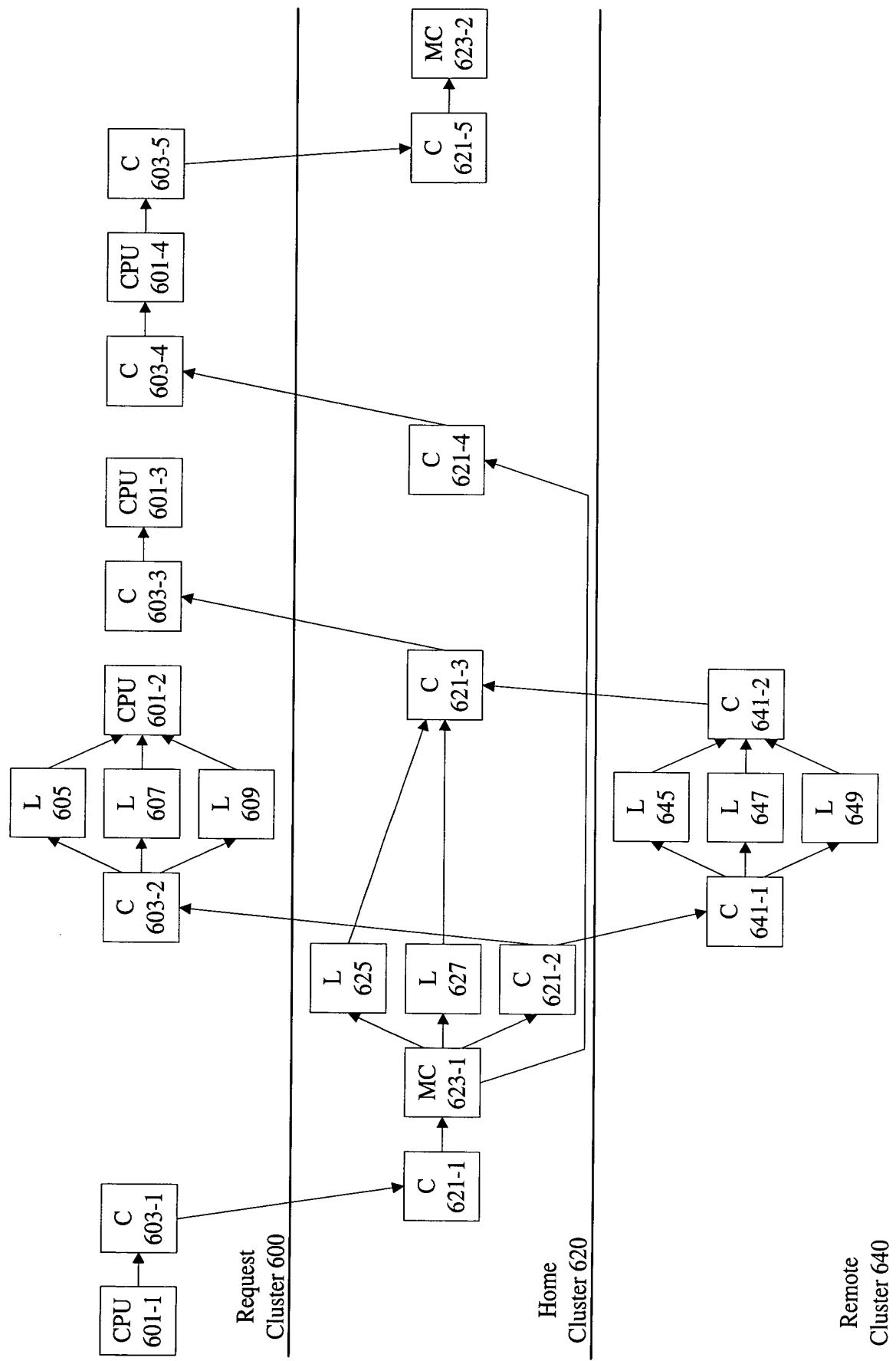


Figure 7

Coherence Directory 701			
Memory Line 711	State 713	Dirty Data Owner 715	Occupancy Vector 717
Address 721	Invalid	N/A	N/A
Address 731	Invalid	N/A	N/A
Address 741	Shared	N/A	Clusters 1,3
Address 751	Shared	N/A	Clusters 1, 2, 3, 4
Address 761	Owned	Cluster 4	Cluster 2, 3, 4
Address 771	Owned	Cluster 2	Cluster 2, 4
Address 781	Modified	Cluster 2	N/A
Address 791	Modified	Cluster 3	N/A
...	...	...	...

Figure 8

Remote Data Cache 801		
Memory Line 811	State 813	Cached Data 815
Address 821	Invalid	N/A
Address 831	Pending	Data 833
Address 841	Shared	Data 843
Address 851	Shared	Data 853
Address 861	Owned	Data 863
Address 871	Owned	Data 873
Address 881	Pending	Data 883
Address 891	Shared	Data 893
...	...	...

Figure 9

